

命令模式

DEpth [*±] d

Sets the origin depth, optionally relative to its current value.

设定原点深度，也可设定相对于当前深度的偏移值。

参数说明

d

The depth of the origin point below the waterplane not including wave height.

原点位于水面下的深度，不考虑波浪的高度。

Definition: Origin depth, a precise measure of the immersion of the vessel, is simply the distance of the origin point (0,0,0) from the waterplane ? measured perpendicular to the waterplane. If positive, the origin is under water; a negative origin depth indicates that the origin is out of the water.

定义：原点深度，船舶浸没深度的准确数值，是原点到液面的垂直距离，如果是正值，原点位于水线面以下，如果是负值，那么原点位于水线面以上。

Since it is a measurement perpendicular to the waterplane, origin depth is valid even at extreme trim and heel angles.

因它设置的是原点到水线面的垂直距离，即使在非常大的纵倾和横倾角度下原点深度也是有效的。

Together with the trim and heel angles, origin depth gives an unambiguous definition of the waterplane. As with trim and heel angle, it refers to the flat waterplane (ignoring any superimposed waves).

结合纵倾和横倾角度，给点原点深度将设置一个明确的水平面。和纵倾和横倾角度一样，它参考的是水线面平面，忽略波浪的影响。

See the DRAFT and HEIGHT commands.

查看 DRAFT 和 HEIGHT 命令。

Operation

操作

The origin depth is set, holding heel and trim constant. Only the DEPTH, DRAFT or HEIGHT commands can change the depth if it is fixed (see the FIX command). The depth may also be set relative to its current value by using the form *±d. For example:

保持当前横倾和纵倾不变，设定原点深度。当它被锁定时，只有 DEPTH, DRAFT 或 HEIGHT 命令可以改变原点深度（参看 FIX 命令）。原点深度可以用格式*±d 来设置相对于当前的深度的偏移值。

DEPTH *-2.0

reduces the depth by 2. (Note that no spaces may be included between the asterisk and the number.)

设定原点深度为当前深度值减 2。（注意星号和数字间不能存在空格。）

Changing the origin depth upsets weight/displacement equilibrium, which can be restored by changing the weight; eg. by issuing a SOLVE WEIGHT command.

改变吃水就打破了原来的重量/排水量平衡，可以通过重新定义船舶重量使平衡恢复，例如：通过命令 SOLVE WEIGHT 求解新的船舶重量。

Unlike for the DRAFT command, all ground point depths are offset so current penetration values remain unchanged.

和命令 DRAFT 不同，这个命令使得所有搁坐点深度都将一起偏移，所以当前穿透深度保持不变。

Output:

输出

none.

无

Example:

样例

Setting the origin depth to 9.5:

设定原点深度为 9.5:

DEPTH 9.5